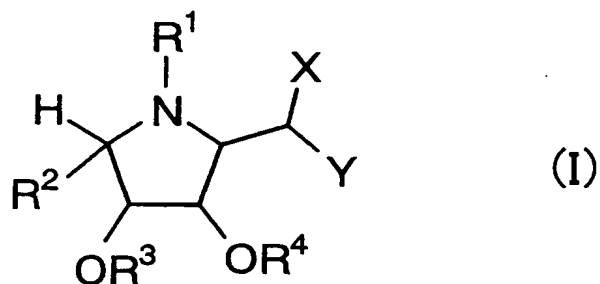


Abstract

The present invention provides a compound represented by the formula (I) or a salt thereof:



wherein R^1 represents a hydrogen atom, a C_{1-10} alkyl group optionally having a substituent, or a protecting group of N; R^2 represents a C_{1-10} alkyl group optionally having a substituent or a C_{2-10} alkenyl group optionally having a substituent; R^3 and R^4 independently represent a hydrogen atom or a protecting group of hydroxyl group; X represents $-N(R^5)R^6$ or a residue of amino acid or of an amino group of a peptide wherein R^5 and R^6 independently represent a hydrogen atom, a C_{1-10} alkyl group optionally having a substituent, or a C_{3-12} cycloalkyl group optionally having a substituent; and Y represents a hydrogen atom, $-CH_2NH_2$, $-CONH_2$, or $-COOH$. The compound of the present invention is useful as a specific inhibitor of sugar chain related enzymes such as glycosyltransferase and glycosidase, and is useful as, for example, a medicine for treating or preventing diseases associated with sugar chain related enzymes.